



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)



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The Eastern Iowa DX Bulletin

Number 275, May 23, 2025

Craig Fastenow, KØCF, Editor

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

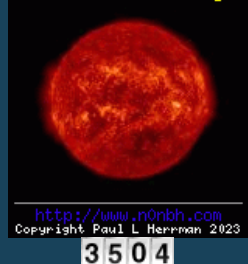
Dr. Tony Phillips' SpaceWeather.com, used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



Solar-Terrestrial Data

24 May 2025 1720 GMT
 SFI: 122 SN: 105
 A-Index: 7
 K-Index: 1
 X-Ray: C3.1
 304Å: 127.0 @ SEM
 Ptn Flx: 13
 Elc Flx: 3200
 Aurora: 1/n=1.99
 Mag (Bz): 2.1
 Solar Wind: 389.2
 Geomag Field VR QUIET
 Sig Noise Lvl S0-S1
 Current Solar Image



<http://www.nonbh.com>
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DX News

3A, MONACO. Special event call sign **3A1ØØA** will be QRV from **April 15th to June 30th** to commemorate the centenary of the IARU. Activity will be on 80 to 10 meters using CW, SSB, and various digital modes. QSL via LoTW.

-[ARRL DX Bulletin # 15 April 10, 2025] (0411-0627)

3DA, KINGDOM OF ESWATINI. Morten, LA9GY will be QRV as **3DAØGY** from **May 22nd to June 2nd**. Activity will be holiday style on 80 to 10 meters, with a focus on 20, 15 and 10 meters, using CW and SSB. QSL direct to [LA9GY](#).

-[ARRL DX Bulletin # 20 May 15, 2025] (0516-0606)

3V, TUNISIA. Giovanni, IT9PZM is now QRV as **3V8LL** from Djerba Island (AF-083). Activity is on the HF bands. QSL via operator's instructions.

-[ARRL DX Bulletin # 20 May 15, 2025] (0516-0606)

4U/ITU, ITU HQ. Special callsign **4UØITU** will be activated by the International Amateur Radio Club at ITU HQ in Geneva from **May 16th through the end of the year** in celebration of the 160th anniversary of the International Telecommunication Union. QSL via LoTW, [ClubLog's OQRS](#), or direct to IARC, P.O. Box 6, 1211 Geneva 20, Switzerland.

-[425DXN # 1775 May 10, 2025] (0516-0606)

5R, MADAGASCAR. Gianpi, IK1TTD will be active holiday style as **5R8TD** from Madagascar. He will be QRV from Nosy Be (AF-057) on **May 27th to June 4th**, and from Tsarabanjina, Mitsio Islands (AF-057) on **June 4th to 11th**. QSOs will be uploaded to ClubLog and hopefully livestreamed on <https://www.qsohunter.net/it/Index/353>. QSL via [IK1TTD](#).

-[425DXN # 1776 May 17, 2025] (0523-0606)

7P, LESOTHO. Mark, KW4XJ and Arina, KO4PZT are QRV as **7P8AB** and **7P8NB**, respectively, **until mid-2025**. QSL via [KW4XJ](#).

-[ARRL DX Bulletin # 18 May 1, 2025] (0502-0613)

8P, BARBADOS. Tom, W2SC will be QRV as **8P5A** as a Single Op/All Band/High Power entry in the CQ WPX CW contest (**May 24th-25th**). QSL via [HA1AG](#).

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0530)

9G, GHANA. Tommy, ON2TD is now QRV as **9G5TD**. Activity is holiday style mostly on 20 meters using SSB. His length of stay is unknown. QSL to [ON2TD](#).

-[ARRL DX Bulletin # 20 May 15, 2025] (0516-0606)

A9, BAHRAIN. Special callsign **A91GCC** by the Bahrain Amateur Radio Society celebrates the 44th anniversary of the Gulf Cooperation Council on **May 19th-25th**. Established on May 25, 1981, GCC is a regional intergovernmental political and economic union that consists of Bahrain, Kuwait, Oman, Qatar, Saudi Arabia and the United Arab Emirates. QSOs will be uploaded to ClubLog and LoTW. QSL via [EC6DX](#).

-[425DXN # 1777 May 24, 2025] (0523-0530)

C3, ANDORRA. Members of the Unio de Radioaficionats Andorrans (C37URA) will be active as **C37JPE** **throughout May**. The special callsign's suffix stands for Jocs dels Petits Estats d'Eu-ropa, the Games of the Small States of Europe whose 20th edition will be held in Andorra la Vella on May 26th-31st. QSL via the bureau or direct to [C37JPE](#).

-[425DXN # 1774 May 3, 2025] (0502-0530)

CEØX, SAN FELIX & SAN AMBROSIO. Felipe, XQ7IR is planning to activate San Ambrosio Island (SA-013) sometime in **October or November 2025**. Plans are for two stations (one operated locally using SSB and FT8 and one operated remotely on CW and FT8) to be active as **3GØXQ** on 160-10 meters. This DXCC Entity is **#3 on the Most Wanted list** and has been silent since the XRØX DXpedition in 2002. See <https://www.sanambrosio-project.com> for updates.

-[425DXN # 1777 May 24, 2025] (0523-0606)

CU, AZORES. Oliver, W6NV is QRV as **CR2M** **until May 25th**. Activity is on 160 to 10 meters. This includes being an entry in the CQ WPX CW contest (May 24th-25th). QSL via LoTW.

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0530)

D4, CAPE VERDE. Harold, DF2WO and Warren, KN6ZZI will be QRV as **D44TWO** and **D44ZZI**, respectively, from Santiago Island (AF-005) from **May 5th to 26th**. Activity will be on the HF bands with D44TWO using mainly CW and FT8, and D44ZZI mainly on SSB and FT8. This includes being on Satellite QO-100. QSL both calls via [MØOXO's OQRS](#).

-[ARRL DX Bulletin # 18 May 1, 2025] (0502-0530)

DL, GERMANY. Celebrating the Deutsche Amateur-Radio-Club's 75th anniversary, four special callsigns will be activated by DARC Team SES from **May 1st to October 31st**: **DC75DARC**, **DD75DARC**, **DK75DARC**, and **DR75DARC**. See <https://www.darc.de/der-club/referate/dx/sonderdiplome/> for the "75 Jahre DARC" certificate. QSL via the bureau, or direct to

[DL2VFR.](#)

-[425DXN # 1774 May 3, 2025] (0502-0530)

DL, GERMANY. Special callsign **DMØLIMES** will be active from **May 1st to July 1st** for this year's German World Heritage Day (June 1st). Also active will be **DM3LIMES** on **May 31st - June 1st**. The Limes was the border line of the Roman Empire at its greatest extent. In 2005, the remnants of the Upper German-Raetian Limes were inscribed on the UNESCO World Heritage list as "Frontiers of the Roman Empire". QSL both via the bureau.

-[425DXN # 1773 April 26, 2025] (0425-0627)

DU, PHILIPPINES. Ed, 4F1OZ will be QRV as **DXØWS** from Luband Island (OC-126) from **May 27th to 31st**. Activity will be on 160 to 10 meters using CW, SSB, and FT8. QSL via [4F1OZ](#).

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0530)

DXCC TOP TWENTY. Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of May 22, 2025:

1. P5	DPRK (North Korea)	11. VKØM	Macquarie Island
2. BS7H	Scarborough Reef	12. KH4	Midway Island
3. CEØX	San Felix Islands	13. PYØS	Saint Peter And Paul Rocks
4. BV9P	Pratas Island	14. KP5	Desecheo Island
5. KH7K	Kure Island	15. VPØS	South Sandwich Islands
6. KH3	Johnston Island	16. ZL9	New Zealand Subantarctic Islands
7. 3Y/P	Peter 1 Island	17. FK/C	Chesterfield Islands
8. FT5/X	Kerguelen Island	18. VKØH	Heard Island
9. YVØ	Aves Island	19. FT/T	Tromelin Island
10. 3Y/B	Bouvet Island	20. EZ	Turkmenistan

For the complete list, see <https://clublog.org/mostwanted.php>

-[KØCF May 23, 2025] (0523-0613)

E6, NIUE. Bob, ZL1RS will be active as **E6RS** from Niue (OC-040) from **May 27th to June 2nd**. He will be QRV primarily on 6 meters FT8, with the main focus on ionospheric propagation and some activity on 10 meters if the Magic Band is closed. He will also be on 6m EME for about one hour at each moonrise and moonset. For more information see https://www.qsl.net/zl1rs/e6_eme.html. QSOs will be uploaded to ClubLog and LoTW. QSL via [ZL1RS](#), LoTW.

-[425DXN # 1776 May 17, 2025] (0523-0606)

EI, IRELAND. Special callsign **GBØAEL** commemorates Amelia Earhart's transatlantic crossing of 1932, the first non-stop by a female pilot, **until the end of May**. QSL via [MIØHOZ](#).

-[DXNL # 2457 May 7, 2025] (0509-0530)

F, FRANCE. Commemorating the 85th anniversary of Operation Dynamo, the Radio Club Jean Bart of Dunkerque (F6KMB) is active as **TM85DYN** from **May 17th to 31st**. Operation Dynamo was the epic evacuation of more than 338,000 Allied soldiers from the beaches and harbor of Dunkerque from May 26 to June 4, 1940. QSL via eQSL only.

-[425DXN # 1777 May 24, 2025] (0523-0530)

F, FRANCE. Members of the F4KIS radio club will be active as **TM41GM** from **May 27th to June 10th**. The suffix stands for "greve des mineurs", the strike of 100,000 miners of Nord-Pas-de-Calais in 1941 which was one of the earliest acts of collective resistance to Nazi occupation in France. Electronic QSLs will be available for download on <https://log-et-qsl.associations-radioamateurs.org/wp/boutique/>

-[425DXN # 1777 May 24, 2025] (0523-0613)

F, FRANCE. Dimitri, F4DSK and Lee, F5MUX will be active as **TM16ØITU** on **May 17th-31st**. The special callsign marks the 160th anniversary of the International Telecommunication Union. QSL via LoTW and eQSL.

-[425DXN # 1775 May 10, 2025] (0516-0530)

F, FRANCE. Celebrating the 80th anniversary of the end of World War II in Europe, special callsign **TM45END** will be active on **May 7th-31st**. QSL via [F5JYD](#).

-[425DXN # 1773 April 26, 2025] (0502-0530)

F, FRANCE. Special event callsign **TM1ØREF**, one of many celebrating the REF centenary, will be active from **April 25th to 27th**, **May 8th to 11th**, and **May 29th until June 1st**.

-[DXNL # 2455 April 23, 2025] (0425-0606)

F, FRANCE. Special callsigns **TM1ØØI**, **TM1ØØA**, **TM1ØØR** and **TM1ØØU** by the Radio Club Pierre Coulon (F5KMB) celebrate the centenary of the International Amateur Radio Union from **April 12th to July 13th**. QSL via eQSL only; paper cards will not be provided.

-[425DXN # 1771 April 12, 2025] (0411-0711)

FJ, SAINT BARTHELEMY. Otis, NP4G will be QRV as **FJ/NP4G** from **May 27th to June 2nd** from the new POTA reference BL-0001. QSL via LoTW.

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0606)

FM, MARTINIQUE. Darrell, AB2E will be active as **TO3E** from Martinique (NA-107) on **May 20th-27th**, including an entry in the CQ WPX CW Contest (May 24th-25th). He will operate mainly CW, with some FT8 and RTTY; outside the contest he will concentrate on 30, 17 and 12m, as well as on the low bands. QSL via LoTW, or to [AB2E](#).

-[425DXN # 1775 May 10, 2025] (0516-0530)

FO, FRENCH POLYNESIA. Didier, F6BCW will be active as **TX5U** from Tikehau (OC-066), French Polynesia from **May 26th to June 8th**. He will operate CW and SSB (no FT8) on 40-6 meters. Full LoTW upload after six months. QSL via [ClubLog's QQRS](#), LoTW.

-[425DXN # 1773 April 26, 2025] (0523-0613)

GI, NORTHERN IRELAND. Once again, the North West Group ARC (MNØNWG) is running special event station **GBØAEL** from **May 5th to 31st** to commemorate the anniversary of Amelia Earhart's transatlantic flight. On May 20-21, 1932, Earhart became the first woman to fly nonstop and alone across the Atlantic, leaving Harbor Grace on Newfoundland (Canada), and landing 15 hours later near Londonderry (Northern Ireland). QSL via [MIØHOZ](#).

-[425DXN # 1773 April 26, 2025] (0502-0530)

HA, HUNGARY. Sanyi, HA7VK will be QRV as **HG25TISZA** as a Single Op/All Band/High Power entry in the CQ WPX CW contest (**May 24th-25th**). QSL via [HA7VK](#).

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0530)

HP, PANAMA. Jose, HP2AT will celebrate his 35th anniversary in amateur radio with special callsign **H82AT** until **December 31st**. All QSOs will be uploaded to QRZ, ClubLog, eQSL, and LoTW. Paper cards will not be available.

-[425DXN # 1775 May 10, 2025] (0509-0530)

HP, PANAMA. Special event call sign **3E7D** is QRV until **June 1st**. QSL via [HP1AVS](#).

-[ARRL DX Bulletin # 17 April 24, 2025] (0425-0606)

HS, THAILAND. Special callsign **HS3ØDXA** commemorates the 30th anniversary of the Thailand DX Association (E28AC and E2X). Look for activity from **May 23rd to June 21st**, on all HF bands and the 2m band, including the amateur radio satellites. QSL via [HS6MYW](#).

-[425DXN # 1777 May 24, 2025] (0523-0620)

IARU 100. More special event stations/callsigns from IARU societies celebrating the 100th anniversary of the International Amateur Radio Union include:

- * **4X1ØØIARU** and **4Z1ØØIARU** by the Israel Association of Radio Communication (IARC). QRV on **April 14th-25th**. QSL via [4Z5MU](#) and LoTW.
- * **9H6IARU** by the Malta Amateur Radio League (MARL). QRV throughout **April and May**. QSL via eQSL and LoTW.
- * **B1ØØIARU** by the Chinese Radio Amateurs Club (CRAC). QRV from **April 18th to June 17th**. Certificates on <https://hamaward.cloud>. QSL via [BG9GXM](#) and LoTW.
- * **DX1ØØIARU** from the Philippine Amateur Radio Association (PARA).
- * **EY1ØØIARU** by the Tajik Amateur Radio League (TARL). QRV on **April 12th-30th**. QSL via [WØVTT](#) and LoTW.
- * **R1ØØIARU** by Soyuz Radiolyubitelei Rossii (SRR). QRV on **April 18th-27th**.

* **XR1ØØIARU** by the Radio Club de Chile. QRV from **April 15th to May 20th**.

Digital QSLs will be available: <https://www.ce3aa.cl/xr100iaru/>.

-[425DXN # 1772 April 19, 2025] (0418-0530)

ISØ, SARDINIA. The ARI section Porto Torres (IQØAK) celebrates its 50th anniversary with the special callsign **IRØAPTT**.

-[DXNL # 2457 May 7, 2025] (0509-0530)

J6, SAINT LUCIA. Matts, SMØFPR, operates holiday-style as **J6/SMØFPR** from **May 26th to June 8th**, mostly on CW, some SSB. QSL via [ClubLog's OQRS](#), LoTW.

-[DXNL # 2459 May 21, 2025] (0523-0613)

JA, JAPAN. Special event station **8K3EXPO** is QRV **until October 13th** for the 2025 Expo in Osaka. QSL via [JA3UJR](#), e-QSL, LoTW.

-[ARRL DX Bulletin # 19 May 8, 2025] (0509-0530)

JA, JAPAN. Take, JI3DST will be active again as **JS6RRR** from Miyako Island (AS-079) from **April 23rd to June 18th**. Other callsigns to be used are **JI3DST/6**, **JJ5RBH/6** and **JA3YEC/6**, as well as **JI3DST/p**, **JJ5RBH/p** and **JA3YEC/p** on FT8. QSOs will be made available for ClubLog and LoTW matching on the IOTA website. QSL via [ClubLog's OQRS](#).

-[425DXN # 1774 May 3, 2025] (0502-0620)

JD1/M, MINAMI TORISHIMA. Take, JG8NQJ is QRV as **JG8NQJ/JD1** **until June 20th**. Activity is in his spare time on the HF bands using CW and FT8. QSL via [JA8CJY](#) (direct), JG8NQJ (bureau) and LoTW.

-[ARRL DX Bulletin # 16 April 17, 2025] (0418-0620)

K, UNITED STATES. Will, **WC6DX** will be active from San Clemente Island (NA-066) on **May 23rd-26th** (maybe plus a few hours on May 27th). Look for WC6DX to operate on 20-6 meters SSB and some CW (no FT8). He does not use LoTW or ClubLog. He will automatically send QSLs via the bureau to all non-USA stations who accept bureau cards. QSL via [WC6DX](#).

-[425DXN # 1775 May 10, 2025] (0523-0530)

KH6, HAWAII. A group of operators will be QRV as **NH7T** from Oahu as a Multi/Multi entry in the CQ WPX CW contest (**May 24th-25th**). QSL via [NH7T](#).

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0530)

KH8, AMERICAN SAMOA. Bob, KØNR and Joyce, KØJJW will be QRV as **KH8/KØNR** and **KH8/KØJJW**, respectively, from **May 27th to June 9th**. Activity is primarily on 20 to 10 meters using SSB, FT8, and FT4 while activating various SOTA and POTA locations. QSL via LoTW only.

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0613)

OE, AUSTRIA. Special callsign **OE7ØOE** celebrates the Austrian State Treaty of 70 years ago **until the end of June**.

-[DXNL # 2459 May 21, 2025] (0523-0627)

OE, AUSTRIA. Special callsign **OE175ARWT** will be available for prefix hunters **until the end of May**.

-[DXNL # 2455 April 23, 2025] (0425-0530)

OHØ, ALAND IS. Nigel, G3TXF will be QRV as **OHØTXF** from Brando in the CQ WPX CW contest (**May 24th-25th**). He may be active using CW on 30, 17, and 12 meters before and after the contest. QSL to [G3TXF](#).

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0530)

OHØ, ALAND IS. Team **OHØERF** (DGØOCG, DL1STL, DL1TAM, DL5ARI, DL5AXI and DO6KD) will be active from Eckero, Aland Islands (EU-002) on **May 22nd to 27th**. They will operate SSB, CW and FT8 on 40, 20, 15, 10, 6 and 2 meters, as well as on 70cm and QO-100. QSOs will be uploaded to LoTW and ClubLog. QSL via [DKØERF](#).

-[425DXN # 1776 May 17, 2025] (0516-0530)

ON, BELGIUM. Special callsign **OT25EPIC** by the Antwerp Port Contest Club (ON8APC) promotes this year's edition of the Antwerp Port Epic cycling race. Look for activity from **May 10th until June 9th** (the actual day of the race). QSL via [ON8JJ](#).

-[425DXN # 1774 May 3, 2025] (0509-0613)

P4, ARUBA. John, W2GD is QRV as **P44W** until **May 27th**. Activity is on all bands, with an emphasis on 30, 17, and 12 meters, using CW as time permits. This includes being a Single Op/All Band entry in the CQ WPX CW contest (May 24th-25th). QSL via LoTW.

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0530)

PA, NETHERLANDS. Peter, PD1RP is QRV with special event station **PD8ØFREE** until **June 30th** to celebrate the 80 years of liberation since World War II. Activity is on 40, 20, 10, and 2 meters using CW, SSB, and digital modes. QSLs sent to all contacts via the bureau. No QSL or request needed.

-[ARRL DX Bulletin # 15 April 10, 2025] (0411-0627)

PJ4, BONAIRE. Frank, PH2M will be active holiday style as **PJ4M** from Bonaire (SA-006) on **May 16th-29th**. He will operate mainly FT8 and some SSB on 80-10 meters, possibly also on 6 meters if conditions allow. QSL via LoTW, [ClubLog's OQRS](#), or via [PH2M](#).

-[425DXN # 1775 May 10, 2025] (0516-0530)

PZ, SURINAME. Antonio, DL4EA will be active holiday style as **PZ5EA** from Suriname on **May 22nd to 26th**. He will be QRV on satellites (RS-44 and QO-100), with some QRP activity on the HF bands. QSL via LoTW and eQSL.

-[425DXN # 1776 May 17, 2025] (0516-0530)

SM, SWEDEN. Watch for **SM3/DG2RON**, **SM3/DHØJAE**, **SM3/DL2VFR**, **SM3/DL4BBH**, and **SM3/DL4SVA** to be QRV from Enskar Island (EU-176) on **May 25th-30th**. Activity will be on all HF bands SSB, CW and FT8 using two stations with dipoles and verticals. Before and after the IOTA operation, DL4BBH and DL2VFR will try to operate SSB and CW from some Swedish Flora & Fauna (SMFF) areas in SM6 and SM4. QSL via home calls, [ClubLog's OQRS](#) and LoTW.

-[425DXN # 1777 May 24, 2025] (0523-0530)

T8, PALAU. Operators Kaz, JR2JGR, Tetsu, JF1GHX and Yoshi, JK1SZX are QRV as **T88DZ**, **T88HF**, and **T88SG**, respectively, from Koror (OC-009) until **June 1st**. Activity is on various bands using SSB and FT8. QSL T88DZ via [JR2JGR](#), T88HF via [JF1GHX](#), and T88SG via [JK1SZX](#).

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0606)

TI, COSTA RICA. Guy, N7ZG is QRV as **TI8/N7ZG** from Playa Zancudo. His length of stay is unknown. This includes being a Single Op/All Band/High Power entry in the CQ WPX CW contest (May 24th-25th). QSL via [EA3GL](#).

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0613)

TR, GABON. Roland, F8EN is QRV as **TR8CR** until **mid-June**. Activity is on the HF bands using only CW. QSL direct to [F6AJA](#).

-[ARRL DX Bulletin # 15 April 10, 2025] (0411-0613)

UA, EUROPEAN RUSSIA. Commemorating the 120th anniversary since the birth of Mikhail A. Sholokhov (the 1965 Nobel Prize in Literature), special callsigns **R12ØMS** and **UE4ØMS** will be active on **May 21st-25th** during the 40th edition of the Sholokhov Spring Festival. A certificate will be available on <https://hamlog.online/club/mdxc>. QSL via [RQ7L](#).

-[425DXN # 1777 May 24, 2025] (0523-0530)

V4, ST. KITTS & NEVIS. Juan, AC6ZM will be active as **V4/AC6ZM** from St. Kitts (NA-104) on **May 18th-27th**. He will operate CW, FT8, RTTY and some SSB on various HF bands and 6 meters and will participate in the CQ WPX CW Contest (May 24th-25th) as **V49K**. QSL via LoTW, [ClubLog's OQRS](#), or [AC6ZM](#).

-[425DXN # 1775 May 10, 2025] (0516-0530)

V5, NAMIBIA. Remo, HB9SHD is QRV as **V51/HB9SHD** until **June 15th**. Activity is holiday style on 40 to 6 meters using SSB and various digital modes. QSL via LoTW.

-[ARRL DX Bulletin # 18 May 1, 2025] (0502-0620)

VP8, FALKLAND IS. Gerry, G3WIP, now that he is retired, has moved from Ascension Island (ZD8GB) to Port Stanley and plans to operate as **VP8DPD** from **May 10th until July 12th**, mostly on 20-10m. QSL via [EA5GL](#).

-[DXNL # 2458 May 14, 2025] (0516-0711)

VU, INDIA. Team **AU2M** is now expected to be active from Arnala Island (AS-169) on **May 28th-31st**. This IOTA group has been silent since 2006. Plans are for seven operators to set up three stations, and to operate CW, SSB and FT8 (F/H) on various bands, 6m included. Donations to help offset the significant costs are gratefully accepted. See <https://vu2rs.com/au2m/> for more information. QSL via [MØOXO's OQRS](#).

-[425DXN # 1773 April 26, 2025] (0523-0530)

VU7, LAKSHADWEEP IS. A group of operators will be QRV as **VU7T** from Agatti Island (AS-011) from **May 22nd to 28th**. Activity will be on the HF bands using CW, SSB, and FT8. This includes being active on Satellite QO-100 using FT8, and in the upcoming CQ WPX CW contest (May 24th-25th). QSL via LoTW.

-[ARRL DX Bulletin # 20 May 15, 2025] (0516-0530)

YO, ROMANIA. Special callsign **YO16ØITU** will be activated by the Federatia Romana de Radioamatorism (FRR) to celebrate the 160th anniversary of the International Telecommunications Union **until May 31st**. An anniversary diploma will be available, see <https://www.qrz.com/db/YO16ØITU> for information. QSL via bureau.

-[425DXN # 1776 May 17, 2025] (0516-0530)

Z6, REPUBLIC OF KOSOVO. Anne, OH2YL and Marko, OH2LGW will be active from Kosovo as **Z68YL** and **Z68OM**, respectively, on **May 20th to 30th**. They will operate CW, SSB and FT8 on 160-6 meters. QSL for both callsigns via [OH2YL](#).

-[425DXN # 1773 April 26, 2025] (0516-0530)

ZA, ALBANIA. Active on various bands and modes until May 31st, **ZA25GIA** is a special callsign to mark this year's edition of the Giro d'Italia, the annual multiple-stage cycling race whose three opening stages took place in Albania. QSL via [ClubLog's OQRS](#).

-[425DXN # 1776 May 17, 2025] (0516-0530)

ZC4, UK SOVEREIGN BASE AREAS ON CYPRUS. Martin, MWØBRO will be active again as **ZC4GW** from Dhekelia from **May 28th to June 9th**. He will operate CW, some SSB and "definitely no digital modes" on 40-6 meters. QSL via [MØURX's OQRS](#).

-[425DXN # 1777 May 24, 2025] (0523-0613)

ZL, NEW ZEALAND. Special callsign **ZL1ØØIARU** will be used by New Zealand's IARU member society, NZART, to celebrate the 100th anniversary of the International Amateur Radio Union **until July 31st**. QSOs will be uploaded to QRZ Logbook and LoTW.

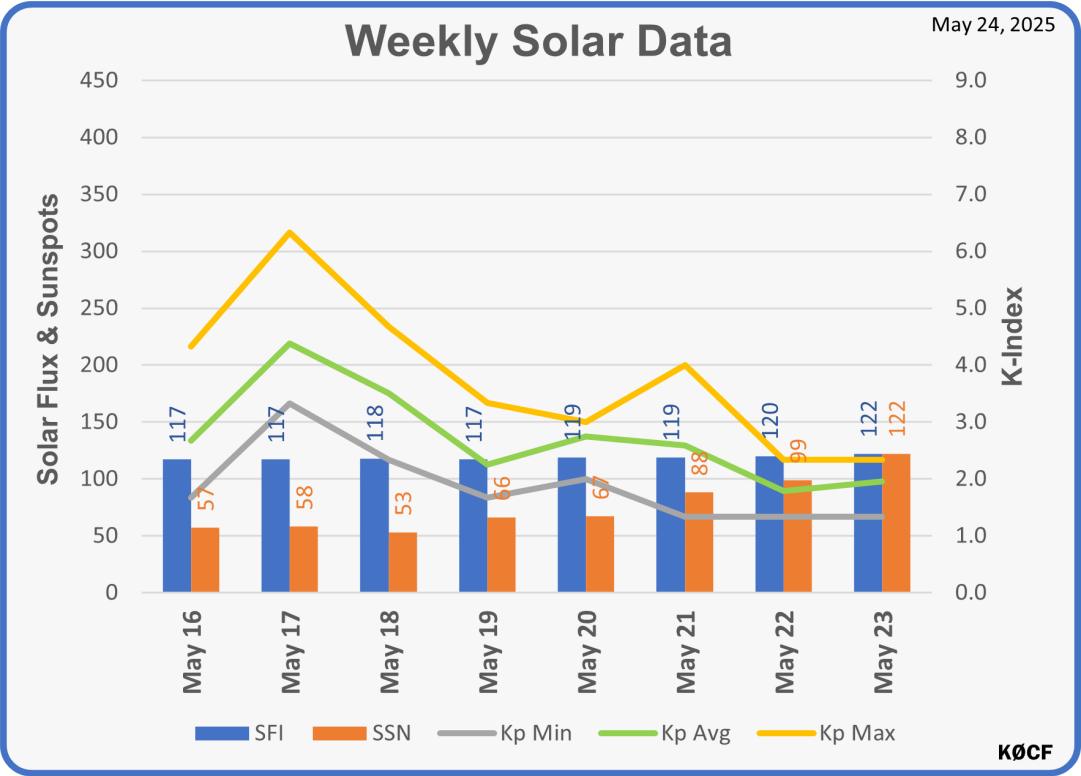
-[425DXN # 1776 May 17, 2025] (0516-0801)

ZL7, CHATHAM IS. Holger, DL3IO is QRV as **ZL7IO** from Waitangi (OC-038) until **June 26th** while working on equipment repairs. He may be active as a Single Op/Single Band/Low Power 40 meter entry in the CQ WPX CW contest (May 24th-25th). QSL via LoTW, [ClubLog's OQRS](#) (preferred), or via [DK7AO](#).

-[ARRL DX Bulletin # 21 May 22, 2025] (0523-0627)

ZP, PARAGUAY. DK4TC, Tom, signs **ZP8/DK4TC** from Santa Rosa Misiones **during April and May**. QSL via Bureau, eQSL, LoTW.

-[DXNL # 2455 April 23, 2025] (0425-0530)



The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

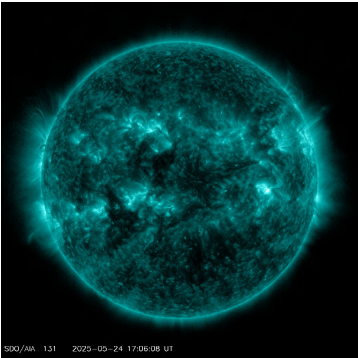
The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



Propagation Summary

For the 8 day period from Friday, May 16th through yesterday, May 23rd.

The average solar flux was 119, down 3 points from the previous week, with a weekly high of 122 on Friday, May 23rd, following a low of 117 on May 19th.

The average sunspot count was 79, up 19 from last week, peaking at 122 on Friday, May 23rd after a weekly low of 53 on May 18th.

The Planetary K-index weekly average was 3.8 with a maximum of 6.3 on Saturday, May 17th, indicating a moderate geomagnetic storm. Yesterday's K-index maximum was 2.3 with generally quiet conditions.

Solar flare activity since May 17th has been quiet with only 2 major flares, the largest of which was an M 3.2 event on Monday, May 19th.

Propagation Data

Major solar flares, Saturday, May 17th through 1250 UTC, May 24th.

#	Date	UTC	Mag.
1	May 21	0008	M 1.2
2	May 19	0821	M 3.2

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
May 24	25%	5%	120
May 25	25%	5%	120
May 26	25%	5%	130

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on May 19, 2025).

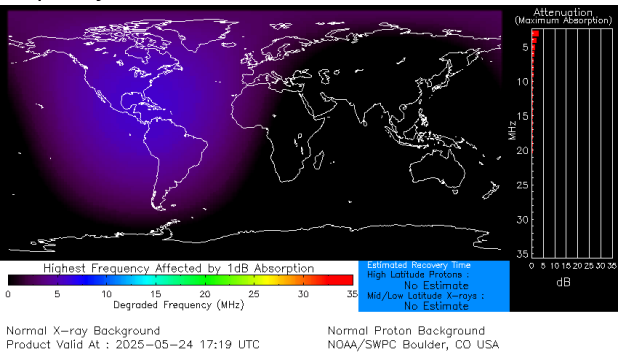
Date	Flux	Kp
May 24	120	2
May 25	120	2
May 26	120	2
May 27	130	3

Date	Flux	Kp
May 28	135	5
May 29	135	6
May 30	140	4
May 31	140	4

Date	Flux	Kp
Jun 1	140	4
Jun 2	135	3
Jun 3	135	3
Jun 4	130	3

Global D Region Absorption

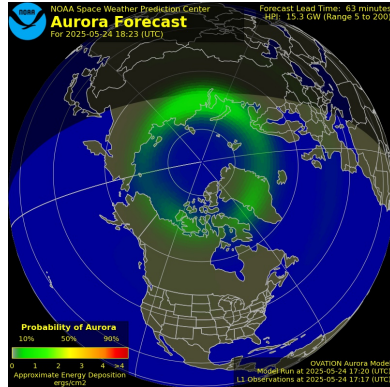
Conditions in the D-region of the ionosphere have a dramatic effect on HF communications. The D-Region Absorption map combines the effects of solar particles and photons. Yellow to red colors on the map depict increasing signal attenuation, where the bar chart at the right displays attenuation versus frequency. Click the thumbnail below for an animated map of D-Region Absorption:



The Aurora Borealis

The aurora is not only beautiful to see but can have a profound impact on HF and VHF radio

propagation. For the HF operator, auroras can result in a complete shut-down of propagation. However, on VHF, auroras present interesting DX possibilities. Beam antennas are very desirable and should be pointed north, towards the aurora. Signals are reflected by "back-scatter" and will be distorted with a rough buzz. SSB is the best voice mode to use, but copy can be difficult. CW will have a rough buzzy sound but be perfectly copyable. Click the thumbnail below for an animated map of aurora versus time:



Highs for Cycle 25

Solar Flux: 336 on August 8, 2024.

Sunspots: 382 on August 10, 2024.

Quiet Weekend

The sun is peppered with at least 9 sunspot groups. However, they are all stable and quiet. Strong solar flares are not expected this weekend.

(Copyright © [SpaceWeather.com](https://www.spaceweather.com/) May 24, 2025. Republished by permission.)

Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)

NOAA <https://www.swpc.noaa.gov/>

<https://www.spaceweather.com/>

<https://www.solarham.com/>

<https://dx.gsl.net/propagation/>

A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!

-[Compiled from information on NOAA.gov and other sources]

Contest Calendar

Weekly Contests

Contest	Start UTC		End	Web Site
K1USN Slow Speed Test	Monday	0000Z	0100Z	Rules
ICWC Medium Speed Test	Monday	1300Z	1400Z	Rules
	Monday	1900Z	2000Z	
	Tuesday	0300Z	0400Z	
CWops Test (CWT)	Wednesday	1300Z	1400Z	Rules
	Wednesday	1900Z	2000Z	
	Thursday	0300Z	0400Z	
	Thursday	0700Z	0800Z	
Weekly RTTY Test	Friday	0145Z	0215Z	Rules
NCCC CW Sprint (NS)	Friday	0230Z	0300Z	Rules

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is Sunday at 7:00 PM in the Central Daylight Saving Time zone, or Sunday at 6:00 PM in the Central Standard Time zone.

Full Calendar

Contest	Start		End		Web Site
CQ WW WPX Contest, CW	May 24	0000Z	May 25	2400Z	Rules
Kentucky QSO Party	Jun 7	1300Z	Jun 8	0100Z	Rules
ARRL Inter. Digital Contest	Jun 7	1800Z	Jun 8	2400Z	Rules
ARRL June VHF Contest	Jun 14	1800Z	Jun 16	0300Z	Rules
Stew Perry Topband Challenge	Jun 21	1500Z	Jun 22	1500Z	Rules
West Virginia QSO Party	Jun 21	1600Z	Jun 22	0400Z	Rules
ARRL Kids Day	Jun 21	1800Z	Jun 21	2359Z	Rules
His Maj. King of Spain Contest, SSB	Jun 28	1200Z	Jun 29	1200Z	Rules
ARRL Field Day	Jun 28	1800Z	Jun 29	2100Z	Rules
RAC Canada Day Contest	Jul 1	0000Z	Jul 1	2359Z	Rules
IARU HF World Championship	Jul 12	1200Z	Jul 13	1200Z	Rules
North American QSO Party, RTTY	Jul 19	1800Z	Jul 20	0600Z	Rules
CQ Worldwide VHF Contest	Jul 19	1800Z	Jul 20	2100Z	Rules
North American QSO Party, CW	Aug 2	1800Z	Aug 3	0600Z	Rules
WAE DX Contest, CW	Aug 9	0000Z	Aug 10	2359Z	Rules
Maryland-DC QSO Party	Aug 9	1400Z	Aug 10	0400Z	Rules

North American QSO Party, SSB	Aug 16	1800Z	Aug 17	0600Z	Rules
ARRL Rookie Roundup, RTTY	Aug 17	1800Z	Aug 17	2359Z	Rules
Ohio QSO Party	Aug 23	1600Z	Aug 24	0400Z	Rules

-[Contest data courtesy of the [WA7BNM Contest Calendar](#)]